

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	6	("6209104" "6205204" "6193153" "5491752" "5442342" "5226172").pn.	US-PGPUB; USPAT	OR	ON	2006/03/29 08:00
S3	537	MULTIPLE SAME PASSWORD SAME FILE\$5	US-PGPUB; USPAT	OR	ON	2005/05/10 16:33
S4	239	MULTIPLE SAME PASSWORD SAME FILE\$5	USPAT	OR	ON	2005/05/10 16:33
S5	78	MULTIPLE SAME PASSWORD SAME FILE\$5 AND ("713"/\$.CCLS. OR "380"/\$.CCLS.)	USPAT	OR	ON	2005/05/10 16:40
S6	2	INFER\$6 SAME SIGNATURE SAME ACCOUNT AND ("713"/\$.CCLS. OR "380"/\$.CCLS.)	USPAT	OR	ON	2005/05/10 16:51
S7	0	INFER\$6 SAME SIGNATURE SAME ACCOUNT SAME PASSWORD AND ("713"/\$.CCLS. OR "380"/\$.CCLS.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/10 16:57
S8	4460	ACCESS ADJ CONTROL AND ("713"/\$.CCLS. OR "380"/\$.CCLS.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/10 16:57
S9	639	PASSWORD SAME ACCESS ADJ CONTROL AND ("713"/\$.CCLS. OR "380"/\$.CCLS.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/10 16:57
S10	99	FILE SAME PASSWORD SAME ACCESS ADJ CONTROL AND ("713"/\$.CCLS. OR "380"/\$.CCLS.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/10 16:57
S11	106	FILE\$6 SAME PASSWORD SAME ACCESS ADJ CONTROL AND ("713"/\$.CCLS. OR "380"/\$.CCLS.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/10 16:57
S12	100	("5819236" "5719941" "5793952" "5321755" "5907621" "6327577" "5844691" "5430827" "6005945" "5895456" "5448045" "5742682" "5712991" "6535727" "6760418" "6847708" "5923756" "6198824" "6253193" "6363488" "6389402" "6427140" "4583006" "4948923" "5455864" "5463547" "6182891" "4882473" "5850448" "5943423" "5418957" "5379344" "5661803" "5680456" "5812666" "4325554" "4495230" "5335358" "5568590" "5752313" "5967874" "6379155" RE31875 "5987636" "6032147" "6675317" "5774059" "5023782" "4477069" "5977979").pn. ("6377691" "6101423" "6132218" "6240184" "4907268" "4529870" "6006269" "6425011" "4876717" "6505086" "5552776" "6182227" "5555375" "5742845" "5898838" "5905908" "6332135" "6336105" "6338050" "6366967" "6055638" "5025373" "4317957" "4908770" "5938729" "6144959" "4797920" "5588056" "6134597" "6170744" "6329651" "5491752" "5418854" "5497421" "5774551" "6169976" "5319747" "4400069" "5274549" "5471471" "5515269" "5758654" "5866837" "6236913" "6735728" "5937393" "6614549" "6629098" "6880149" "5737546").pn.	US-PGPUB; USPAT	OR	ON	2005/05/12 05:30

## EAST Search History

S13	100	( "5819236" "5719941" "5793952" "5321755" "5907621" "6327577" "5844691" "5430827" "6005945" "5895456" "5448045" "5742682" "5712991" "6535727" "6760418" "6847708" "5923756" "6198824" "6253193" "6363488" "6389402" "6427140" "4583006" "4948923" "5455864" "5463547" "6182891" "4882473" "5850448" "5943423" "5418957" "5379344" "5661803" "5680456" "5812666" "4325554" "4495230" "5335358" "5568590" "5752313" "5967874" "6379155" RE31875 "5987636" "6032147" "6675317" "5774059" "5023782" "4477069" "5977979").pn. ("6377691" "6101423" "6132218" "6240184" "4907268" "4529870" "6006269" "6425011" "4876717" "6505086" "5552776" "6182227" "5555375" "5742845" "5898838" "5905908" "6332135" "6336105" "6338050" "6366967" "6055638" "5025373" "4317957" "4908770" "5938729" "6144959" "4797920" "5588056" "6134597" "6170744" "6329651" "5491752" "5418854" "5497421" "5774551" "6169976" "5319747" "4400069" "5274549" "5471471" "5515269" "5758654" "5866837" "6236913" "6735728" "5937393" "6614549" "6629098" "6880149" "5737546).pn.	US-PGPUB; USPAT	OR	ON	2005/05/12 05:30
S14	0	S12 not S13	US-PGPUB; USPAT	OR	ON	2005/05/12 05:30
S15	0	S13 not S12	US-PGPUB; USPAT	OR	ON	2005/05/12 06:01
S16	259	713/183.CCLS.	US-PGPUB; USPAT	OR	ON	2005/05/12 06:08
S17	1981	COMPUTER WITH LOGIN	US-PGPUB; USPAT	OR	ON	2005/05/12 06:09
S18	478	COMPUTER WITH LOGIN AND ("380"/\$.CCLS. OR "713"/\$.CCLS.)	US-PGPUB; USPAT	OR	ON	2005/05/12 06:09
S19	416	PASSWORD AND COMPUTER WITH LOGIN AND ("380"/\$.CCLS. OR "713"/\$.CCLS.)	US-PGPUB; USPAT	OR	ON	2005/05/12 06:10
S20	5326	ACCOUNT ADJ NAME OR USER\$1NAME WITH PASSWORD	US-PGPUB; USPAT	OR	ON	2005/05/12 06:11
S21	4345	(ACCOUNT ADJ NAME OR USER\$1NAME) WITH PASSWORD	US-PGPUB; USPAT	OR	ON	2005/05/12 06:11
S22	2666	(ACCOUNT ADJ NAME OR USER\$1NAME) WITH PASSWORD AND (LOGIN OR LOG\$1IN OR LOGON OR LOG\$1ON)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 06:45
S23	3	"090520".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 07:28
S24	17	key adj trajectory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 07:29
S25	360	key with trajectory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 07:30
S26	6	key with trajectory and ("713"/\$.ccls. or "380"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 07:31

## EAST Search History

S27	836	mouse with moveme\$8 and authentica\$8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 07:31
S28	23	mouse with moveme\$8 same authentica\$8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 07:33
S29	100	("5819236" "5719941" "5793952" "5321755" "5907621" "6327577" "5844691" "5430827" "6005945" "5895456" "5448045" "5742682" "5712991" "6535727" "6760418" "6847708" "5923756" "6198824" "6253193" "6363488" "6389402" "6427140" "4583006" "4948923" "5455864" "5463547" "6182891" "4882473" "5850448" "5943423" "5418957" "5379344" "5661803" "5680456" "5812666" "4325554" "4495230" "5335358" "5568590" "5752313" "5967874" "6379155" RE31875 "5987636" "6032147" "6675317" "5774059" "5023782" "4477069" "5977979").pn. ("6377691" "6101423" "6132218" "6240184" "4907268" "4529870" "6006269" "6425011" "4876717" "6505086" "5552776" "6182227" "5555375" "5742845" "5898838" "5905908" "6332135" "6336105" "6338050" "6366967" "6055638" "5025373" "4317957" "4908770" "5938729" "6144959" "4797920" "5588056" "6134597" "6170744" "6329651" "5491752" "5418854" "5497421" "5774551" "6169976" "5319747" "4400069" "5274549" "5471471" "5515269" "5758654" "5866837" "6236913" "6735728" "5937393" "6614549" "6629098" "6880149" "5737546").pn.	US-PGPUB; USPAT	OR	ON	2005/05/12 13:32
S30	637	passw\$6 adj file\$6	US-PGPUB; USPAT	OR	ON	2005/05/12 13:32
S31	265	passw\$6 adj file\$6	USPAT	OR	ON	2005/05/12 13:44
S32	0	S30 not S31	USPAT	OR	ON	2005/05/12 13:44
S33	372	S30 not S31	US-PGPUB; USPAT	OR	ON	2005/05/12 14:19
S34	17519	mouse with move\$8	US-PGPUB; USPAT	OR	ON	2005/05/12 14:20
S35	330	mouse with move\$8 and keyboard with strok\$7	US-PGPUB; USPAT	OR	ON	2005/05/12 14:20
S36	102	mouse with move\$8 and keyboard with strok\$7 and (authentication or access or control) and password	US-PGPUB; USPAT	OR	ON	2005/05/12 14:27
S37	4	biopassword	US-PGPUB; USPAT	OR	ON	2005/05/12 14:27
S38	18	("4218738"   "4227253"   "4264782"   "4288659"   "4386266"   "4430728"   "4499462"   "4621334"   "4805222"   "5156475"   "5193114"   "5204966"   "5491752"   "5638446"   "5682475"   "5721780"   "6056193").PN. OR ("6442692").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 14:30
S39	5	("4731694"   "5159159"   "5907375"   "6337918"   "6421453").PN. OR ("6657614").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 14:33
S40	29	(US-20010047488-\$).did. or (US-4962530-\$ or US-4964163-\$ or US-5091939-\$ or US-5161190-\$ or US-5226080-\$ or US-5768387-\$ or US-5889866-\$ or US-6292790-\$ or US-6647400-\$ or US-6647498-\$ or US-6766456-\$ or US-5696686-\$ or US-6332195-\$ or US-5913024-\$ or US-6219707-\$ or US-5867647-\$ or US-6657614-\$ or US-6442692-\$ or US-4805222-\$ or US-4288659-\$ or US-5682475-\$ or US-4218738-\$ or US-4621334-\$ or US-5204966-\$ or US-5491752-\$ or US-5721780-\$).did. or (US-6421453-\$).did. or (US-6766456-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/12 15:19
S41	10	S40 and mouse	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/12 17:05

## EAST Search History

S46	13	key adj trajectory	US-PGPUB; USPAT	OR	ON	2005/05/12 16:25
S52	6	S40 and vector	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/12 17:11
S53	3537	increment\$7 with (authentica\$7 or valid\$8)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/12 17:12
S54	3443	increment\$7 with (authentica\$7 or valid\$8)	US-PGPUB; USPAT	OR	ON	2005/05/12 17:12
S55	316	increment\$7 with (authentica\$7 or valid\$8) and ("713"/\$.ccls. or "380"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/05/12 17:12
S56	165	increment\$7 with (authentica\$7 or valid\$8) and ("713"/\$.ccls. or "380"/\$.ccls.)	USPAT	OR	ON	2005/05/12 17:14
S57	11	S40 and (incremen\$6 or partia\$8)	USPAT	OR	ON	2005/05/12 17:17
S58	2166	possible adj key\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 17:17
S59	364	possible adj key\$4 and ("713"/\$.ccls. or "380"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 17:18
S60	363	possible adj key\$4 and ("713"/\$.ccls. or "380"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/05/12 17:18
S61	198	possible adj key\$4 and ("713"/\$.ccls. or "380"/\$.ccls.)	USPAT	OR	ON	2005/05/12 17:19
S62	10	match\$8 same possible adj key\$4 and ("713"/\$.ccls. or "380"/\$.ccls.)	USPAT	OR	ON	2005/05/12 17:19
S63	19	match\$8 same possible adj key\$4 and ("713"/\$.ccls. or "380"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/05/12 17:24
S64	544	match\$8 same key\$4 same enter\$8 and ("713"/\$.ccls. or "380"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/05/12 17:24
S65	320	match\$8 same key\$4 same enter\$8 and ("713"/\$.ccls. or "380"/\$.ccls.)	USPAT	OR	ON	2005/05/12 17:24
S67	3	user same password and fake adj key	US-PGPUB; USPAT	OR	ON	2005/05/12 18:40
S68	198	(fake or false) adj key	US-PGPUB; USPAT	OR	ON	2005/05/12 18:40
S69	133	(fake or false) adj key	USPAT	OR	ON	2005/05/12 18:41
S70	13	(fake or false) adj key and ("713"/\$.ccls. or "380"/\$.ccls.)	USPAT	OR	ON	2005/05/12 18:41
S73	127	shadow with password	US-PGPUB; USPAT	OR	ON	2005/05/12 19:13
S74	11	shadow with password	USPAT	OR	ON	2005/05/12 19:14
S75	246	password adj files	USPAT	OR	ON	2005/05/12 19:14
S76	27	password adj files	USPAT	OR	OFF	2005/05/12 19:14
S77	331	multiple with key with file	US-PGPUB; USPAT	OR	ON	2005/05/13 05:37
S78	386	multiple with (key or password) with file	US-PGPUB; USPAT	OR	ON	2005/05/13 05:37
S79	400	multiple with (key or password) with file	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/13 05:46
S80	14	multiple with (key or password) with file	EPO; JPO	OR	ON	2005/05/13 05:49
S81	3449	user and password	EPO; JPO	OR	ON	2005/05/13 05:49
S82	677	user and password and authentication	EPO; JPO	OR	ON	2005/05/13 05:49
S83	39	user and password and authentication and file	EPO; JPO	OR	ON	2005/05/13 06:16

## EAST Search History

S84	201	key with trajector\$7	USPAT	OR	ON	2005/05/13 06:16
S85	1	key with trajector\$7 and authentication	USPAT	OR	ON	2005/05/13 06:17
S86	1	key with trajector\$7 and ("713"/\$.ccls. or "380"/\$.ccls.)	USPAT	OR	ON	2005/05/13 06:17
S89	1	"6442692".pn. and valid\$8	US-PGPUB; USPAT	OR	ON	2005/05/13 06:48
S90	20	fake adj key	US-PGPUB; USPAT	OR	ON	2005/05/13 06:49
S91	7789	(key or password) with associated with user	US-PGPUB; USPAT	OR	ON	2005/05/13 06:49
S92	1860	(key or password) with associated with user and ("713"/\$.ccls. or "380"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/05/13 06:50
S93	0	fake with (key or password) with associated with user and ("713"/\$.ccls. or "380"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/05/13 06:50
S94	0	(key or password) with "not" with associated with user and ("713"/\$.ccls. or "380"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/05/13 06:50
S95	0	(key or password) with "not" with associated with user	US-PGPUB; USPAT	OR	ON	2005/05/13 06:50
S96	7789	(key or password) with associated with user	US-PGPUB; USPAT	OR	ON	2005/05/13 06:50
S97	837	(key or password) with associated with user and ("713"/\$.ccls. or "380"/\$.ccls.)	USPAT	OR	ON	2005/05/13 06:54
S98	3	empty adj password	USPAT	OR	ON	2005/05/13 07:04
S99	104	invalid adj account	USPAT	OR	ON	2005/05/13 07:04
S100	4	invalid adj account same password	USPAT	OR	ON	2005/05/13 07:05
S101	52	reserved with password	USPAT	OR	ON	2005/05/13 07:07
S102	137	reserved with password	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 07:07
S103	27	reserved with password and ("713"/\$.ccls. or "380"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 07:09
S104	119	disabled with password and ("713"/\$.ccls. or "380"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 07:13
S105	295	invalid with password and ("713"/\$.ccls. or "380"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 07:14
S106	19	invalid with password and invalid with account and ("713"/\$.ccls. or "380"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 07:16
S107	138	invalid with password and invalid with user and ("713"/\$.ccls. or "380"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 07:16

## EAST Search History

S10 8	9	invalid adj password and invalid adj user and ("713"/\$.ccls. or "380"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 07:16
S10 9	100	("5237612" "4926665" "5832497" "6253193" "6363488" "6389402" "6427140" "5379344" "5661803" "5680456" "5742682" "5812666" "5737546" "5774059" "4317957" "4323770" "5025373" "5715923" "6144950" "6338140" "6866586" "5241598" "4508939" "4581488" "5656867" "5461386" "5561430" "4920253" "5212812" "5254931" "5442170" "5581751" "5856809" "4498073" "4931789" "5914677" "RE30982" "4412210" "4529967" "4556904" "4590880" "4994992" "5291399" "5331325" "5465082" "5608395" "5997360" "4258602" "4263829" "4280179").pn. ("4288783" "4301511" "4305123" "4321851" "4322587" "4335639" "4344344" "4347772" "4356867" "4358273" "4362934" "4363558" "4366552" "4373415" "4378720" "4380053" "4382251" "4393741" "4396992" "4400758" "4421427" "4428287" "4445027" "4499462" "4507088" "4513365" "4519228" "4522100" "4531020" "4535355" "4559618" "4587663" "4591833" "4592262" "4594931" "4602345" "4615682" "4620229" "4769845" "4791280" "4800432" "4800582" "4810861" "4825200" "4831374" "4831586" "4833705" "4853695" "4853888" "4857887").pn.	US-PGPUB; USPAT	OR	ON	2005/11/28 10:45
S11 0	1554	713/176.cccls.	US-PGPUB; USPAT	OR	ON	2005/11/28 10:49
S11 1	741	713/176.cccls.	USPAT	OR	ON	2005/11/28 10:43
S11 2	415	key same trajectory	USPAT	OR	ON	2005/11/28 10:43
S11 3	4	key same trajectory same signature	USPAT	OR	ON	2005/11/28 10:43
S11 4	0	key same trajectory same authentication	USPAT	OR	ON	2005/11/28 10:44
S11 5	2	key same trajectory and authentication	USPAT	OR	ON	2005/11/28 10:44
S11 6	187	infer\$ with authenticat\$	US-PGPUB; USPAT	OR	ON	2005/11/28 10:49
S11 7	43	infer\$ with authenticat\$ and ("713"/\$.cccls. "380"/\$.cccls. "726"/\$.cccls.)	US-PGPUB; USPAT	OR	ON	2005/11/28 11:13
S11 8	144	S116 not S117	US-PGPUB; USPAT	OR	ON	2005/11/28 10:49
S11 9	0	authenticat\$ and passive adj termination	US-PGPUB; USPAT	OR	ON	2005/11/28 11:25
S12 0	0	authenticat\$ and passive adj submission	US-PGPUB; USPAT	OR	ON	2005/11/28 11:25
S12 1	0	authenticat\$ and passive adj submision	US-PGPUB; USPAT	OR	ON	2005/11/28 11:25
S12 2	21	authenticat\$ and passive same submit\$	US-PGPUB; USPAT	OR	ON	2005/11/28 11:31
S12 3	18	key adj trajectory	US-PGPUB; USPAT	OR	ON	2005/11/28 11:31
S12 6	117	incremental same validation	US-PGPUB; USPAT	OR	ON	2005/11/28 12:34
S12 7	619	biometric same template	US-PGPUB; USPAT	OR	ON	2005/11/28 12:34
S12 8	171	biometric same template	USPAT	OR	ON	2005/11/28 12:35
S12 9	114	biometric same template and (error threshold percentage)	USPAT	OR	ON	2005/11/28 13:40
S13 0	254	odom.in.	USPAT	OR	ON	2005/11/28 13:40

## EAST Search History

S13 1	3	odom.in. and gary.in.	USPAT	OR	ON	2005/11/28 13:41
S13 2	3	odom.in. and gary.in.	US-PGPUB; USPAT	OR	ON	2005/11/28 13:53
S13 3	6	("6209104" "6205204" "6193153" "5491752" "5442342" "5226172").pn.	US-PGPUB; USPAT	OR	ON	2005/11/28 13:53
S13 4	21	("20010047488" "20020002678" "4621334" "4805222" "4962530 " "4964163" "5161190" "5204966" "5226172" "5442342" "54917 52" "5682475" "5768387" "6193153" "6205204" "6209104" "636 3153" "6421453" "6442692" "6657614" "6766456").PN.	US-PGPUB; USPAT	OR	ON	2005/11/28 13:55
S13 5	34	(US-20010047488-\$ or US-20040128508-\$).did. or (US-4218738-\$ or US-4288659-\$ or US-4621334-\$ or US-4805222-\$ or US-4962530-\$ or US-4964163-\$ or US-5091939-\$ or US-5161190-\$ or US-5204966-\$ or US-5226080-\$ or US-5491752-\$ or US-5682475-\$ or US-5696686-\$ or US-5721780-\$ or US-5768387-\$ or US-5867647-\$ or US-5889866-\$ or US-5913024-\$ or US-6219707-\$ or US-6292790-\$ or US-6332195-\$ or US-6363153-\$ or US-6421453-\$ or US-6442692-\$ or US-6647400-\$ or US-6647498-\$).did. or (US-6657614-\$ or US-6766456-\$ or US-5680462-\$ or US-6311272-\$).did. or (JP-11102345-\$).did. or (US-6766456-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2005/11/28 13:55
S13 6	17	S135 not S134	US-PGPUB; USPAT	OR	ON	2005/11/28 13:55
S13 7	17	(US-20040128508-\$).did. or (US-5680462-\$ or US-4288659-\$ or US-5696686-\$ or US-6292790-\$ or US-4218738-\$ or US-6647400-\$ or US-6219707-\$ or US-5721780-\$ or US-5226080-\$ or US-5091939-\$ or US-6311272-\$ or US-5889866-\$ or US-5913024-\$ or US-5867647-\$ or US-6332195-\$ or US-6647498-\$).did.	US-PGPUB; USPAT	OR	ON	2005/11/28 14:00
S13 8	38	("20010047488" "20020002678" "20040128508" "4218738" "428 8659" "4621334" "4805222" "4962530" "4964163" "5091939" "5 161190" "5204966" "5226080" "5226172" "5442342" "5491752" " 5680462" "5682475" "5696686" "5721780" "5768387" "586764 7" "5889866" "5913024" "6193153" "6205204" "6209104" "6219 707" "6292790" "6311272" "6332195" "6363153" "6421453" "64 42692" "6647400" "6647498" "6657614" "6766456").PN.	US-PGPUB; USPAT	OR	ON	2005/11/28 14:00
S13 9	423	(computer system) same login same device same input	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 16:24
S14 0	398	(computer system) same login same device same input	US-PGPUB; USPAT	OR	ON	2006/03/28 16:24
S14 1	117	(computer system) same login same device same input	USPAT	OR	ON	2006/03/28 16:39
S14 2	34	(US-20010047488-\$ or US-20040128508-\$).did. or (US-6647498-\$ or US-6647400-\$ or US-5491752-\$ or US-5682475-\$ or US-5161190-\$ or US-5091939-\$ or US-5768387-\$ or US-6292790-\$ or US-4964163-\$ or US-4962530-\$ or US-6311272-\$ or US-6442692-\$ or US-6766456-\$ or US-5889866-\$ or US-5226080-\$ or US-5204966-\$ or US-6363153-\$ or US-6332195-\$ or US-6219707-\$ or US-5913024-\$ or US-5867647-\$ or US-5696686-\$ or US-4621334-\$ or US-4288659-\$ or US-6421453-\$ or US-6657614-\$).did. or (US-5721780-\$ or US-4218738-\$ or US-4805222-\$ or US-5680462-\$).did. or (JP-11102345-\$).did. or (US-6766456-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/03/28 16:32
S14 3	281	(computer system) same login same device same input	US-PGPUB	OR	ON	2006/03/28 16:55
S14 4	2113	(login authentication) with biometric	US-PGPUB	OR	ON	2006/03/28 16:55
S14 5	532	(login authentication) with biometric	USPAT	OR	ON	2006/03/28 16:59

## EAST Search History

S14 6	0	(login authentication) with multiple with metric	USPAT	OR	ON	2006/03/28 16:59
S14 7	2	(login authentication) with multiple with metric	US-PGPUB; USPAT	OR	ON	2006/03/28 17:40
S14 8	3	incremental adj authentication	US-PGPUB; USPAT	OR	ON	2006/03/28 17:53
S14 9	1	"6618806".pn.	US-PGPUB; USPAT	OR	ON	2006/03/28 17:53
S15 0	110	incremental\$ with (validation authentication)	US-PGPUB; USPAT	OR	ON	2006/03/28 18:31
S15 1	19	multi-biometric	US-PGPUB; USPAT	OR	ON	2006/03/28 18:33
S15 2	12	multi-biometric	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 18:47
S15 3	39	autocomplete	US-PGPUB; USPAT	OR	ON	2006/03/28 18:50
S15 4	28	auto-complete and validation	US-PGPUB; USPAT	OR	ON	2006/03/28 18:50
S15 5	3	auto-complete same validation	US-PGPUB; USPAT	OR	ON	2006/03/28 18:50
S15 6	2	piecemeal with authentication	US-PGPUB; USPAT	OR	ON	2006/03/28 19:38
S15 7	1	piecemeal with validation	US-PGPUB; USPAT	OR	ON	2006/03/28 19:39
S15 8	21	realtime with authentication	US-PGPUB; USPAT	OR	ON	2006/03/28 19:39
S15 9	1	"2627798".pn.	US-PGPUB; USPAT	OR	ON	2006/03/29 07:17
S16 0	4	("6442692" "6766456" "4621334" "5204966").pn.	US-PGPUB; USPAT	OR	ON	2006/03/29 08:01
S16 1	213	726/28.ccls.	US-PGPUB; USPAT	OR	ON	2006/03/29 08:02
S16 2	10690	authenticat\$ adj user	US-PGPUB; USPAT	OR	ON	2006/03/29 08:02
S16 3	9940	authenticat\$ adj user and system and computer	US-PGPUB; USPAT	OR	ON	2006/03/29 08:05
S16 4	231	multiple same input same biometric	US-PGPUB; USPAT	OR	ON	2006/03/29 08:09
S16 5	706	user with select with authentication	US-PGPUB; USPAT	OR	ON	2006/03/29 08:10
S16 6	953	user with selected with authentication	US-PGPUB; USPAT	OR	ON	2006/03/29 08:10
S16 7	133	user with selected with authentication with input	US-PGPUB; USPAT	OR	ON	2006/03/29 08:16
S16 8	1	"20020091937".pn.	US-PGPUB; USPAT	OR	ON	2006/03/29 08:27
S16 9	3	incremental\$ adj validation	US-PGPUB; USPAT	OR	ON	2006/03/29 08:35
S17 0	150204	user with selected wth input with biometric with capture	US-PGPUB; USPAT	OR	ON	2006/03/29 08:35
S17 1	0	user with selected with input with biometric with capture	US-PGPUB; USPAT	OR	ON	2006/03/29 08:36
S17 2	4	user same selected same input same biometric same capture	US-PGPUB; USPAT	OR	ON	2006/03/29 08:38
S17 3	1	"6618806".pn. and user	US-PGPUB; USPAT	OR	ON	2006/03/29 08:38
S17 4	59	intellisense	US-PGPUB; USPAT	OR	ON	2006/03/30 07:42

## EAST Search History

S17 5	38	("20010047488" "20020002678" "20040128508" "4218738" "4288659" "4621334" "4805222" "4962530" "4964163" "5091939" "5161190" "5204966" "5226080" "5226172" "5442342" "5491752" "5680462" "5682475" "5696686" "5721780" "5768387" "5867647" "5889866" "5913024" "6193153" "6205204" "6209104" "6219707" "6292790" "6311272" "6332195" "6363153" "6421453" "6442692" "6647400" "6647498" "6657614" "6766456").PN.	US-PGPUB; USPAT	OR	ON	2006/04/01 07:30
S17 6	1	"5896497".pn.	US-PGPUB; USPAT	OR	ON	2006/04/01 07:30
S17 7	48	(US-20020087894-\$ or US-20020002685-\$ or US-20020091937-\$ or US-20060036547-\$ or US-20020141586-\$ or US-20010047488-\$ or US-20020083339-\$ or US-20030056120-\$ or US-20040128508-\$).did. or (US-5721780-\$ or US-6647400-\$ or US-5491752-\$ or US-6292790-\$ or US-6948154-\$ or US-6311272-\$ or US-6636975-\$ or US-6466781-\$ or US-6647498-\$ or US-5889866-\$ or US-5682475-\$ or US-6766456-\$ or US-5226080-\$ or US-5161190-\$ or US-5091939-\$ or US-4962530-\$ or US-4964163-\$ or US-5204966-\$ or US-6442692-\$ or US-6363153-\$ or US-5768387-\$ or US-6332195-\$ or US-5913024-\$ or US-5696686-\$ or US-5867647-\$ or US-6219707-\$).did. or (US-4805222-\$ or US-4621334-\$ or US-4218738-\$ or US-6421453-\$ or US-6657614-\$ or US-4288659-\$ or US-6751734-\$ or US-6651168-\$ or US-6618806-\$ or US-5680462-\$ or US-5896497-\$).did. or (JP-11102345-\$).did. or (US-6766456-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/04/01 07:32
S17 8	14	S177 not S175	US-PGPUB; USPAT	OR	ON	2006/04/01 07:32
S17 9	14	(US-20020002685-\$ or US-20020083339-\$ or US-20020087894-\$ or US-20020091937-\$ or US-20020141586-\$ or US-20030056120-\$ or US-20060036547-\$).did. or (US-5896497-\$ or US-6466781-\$ or US-6618806-\$ or US-6636975-\$ or US-6651168-\$ or US-6751734-\$ or US-6948154-\$).did.	US-PGPUB; USPAT	OR	ON	2006/04/01 07:32
S18 0	1720	713/176.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/01 07:37
S18 1	825	713/176.ccls.	USPAT	OR	ON	2006/04/01 07:37
S18 2	539	user with select\$ with authentication	USPAT	OR	ON	2006/07/15 06:43
S18 3	75	user with select\$ with authentication with device	USPAT	OR	ON	2006/07/15 06:45
S18 4	19	user with select with authentication with device	USPAT	OR	ON	2006/07/15 06:47
S18 5	24	user with select\$ with authentication adj (device method)	USPAT	OR	ON	2006/07/15 06:48
S18 6	24	user with select\$ with authentication adj (device method)	USPAT	OR	ON	2006/07/15 06:48
S18 7	95	user with select\$ with authentication adj (device method)	US-PGPUB	OR	ON	2006/07/15 07:12
S18 8	56	combine\$ with authentication adj (device method)	US-PGPUB	OR	ON	2006/07/15 07:12
S18 9	25	combine\$ with authentication adj (device method)	USPAT	OR	ON	2006/07/15 08:14
S19 0	42	(update edit) with biometric	USPAT	OR	ON	2006/07/15 08:24
S19 3	564	(update edit) with signature	USPAT	OR	ON	2006/07/15 08:25
S19 4	2	(update edit) with signature same biometric	USPAT	OR	ON	2006/07/15 08:25
S19 5	45	((update edit) with signature) and biometric	USPAT	OR	ON	2006/07/15 09:48
S19 6	362	user with design\$ with threshold	USPAT	OR	ON	2006/07/15 09:48

## EAST Search History

S19 8	1887	713/176.ccis.	US-PGPUB; USPAT	OR	ON	2006/07/15 10:38
S19 9	922	713/176.ccis.	USPAT	OR	ON	2006/07/15 10:38
S20 0	2	("6052468" "5229764").pn.	US-PGPUB; USPAT	OR	ON	2006/07/15 11:09
S20 1	3	("6052468" "5229764" "6957337").pn.	US-PGPUB; USPAT	OR	ON	2006/07/15 11:10
S20 2	49	("20010047488" "20020002678" "20020083339" "20020087894" "20020091937" "20020141586" "20030056120" "20040128508" "20060036547" "4621334" "4621334" "4805222" "4962530" "4964163" "5091939" "5161190" "5204966" "5226080" "5226172" "5442342" "5491752" "5680462" "5682475" "5696686" "5721780" "5768387" "5867647" "5889866" "5896497" "5913024" "6193153" "6205204" "6209104" "6219707" "6292790" "6311272" "6332195" "6363153" "6421453" "6442692" "6466781" "6618806" "6636975" "6647400" "6647498" "6651168" "6657614" "6751734" "6766456" "6948154").PN.	US-PGPUB; USPAT	OR	ON	2006/07/15 11:20
S20 3	51	(US-20010047488-\$ or US-20020083339-\$ or US-20020087894-\$ or US-20020091937-\$ or US-20020141586-\$ or US-20030056120-\$ or US-20040128508-\$ or US-20060036547-\$ or US-20020002685-\$).did. or (US-5091939-\$ or US-5161190-\$ or US-5204966-\$ or US-5226080-\$ or US-5682475-\$ or US-5696686-\$ or US-5721780-\$ or US-5768387-\$ or US-5913024-\$ or US-6219707-\$ or US-6292790-\$ or US-6311272-\$ or US-6332195-\$ or US-6421453-\$ or US-6442692-\$ or US-6466781-\$ or US-6618806-\$ or US-6647400-\$ or US-6651168-\$ or US-6657614-\$ or US-6751734-\$ or US-6766456-\$ or US-6948154-\$ or US-5896497-\$ or US-4805222-\$ or US-4218738-\$).did. or (US-4288659-\$ or US-4621334-\$ or US-6636975-\$ or US-4962530-\$ or US-4964163-\$ or US-5491752-\$ or US-5680462-\$ or US-5867647-\$ or US-5889866-\$ or US-6363153-\$ or US-6647498-\$ or US-6052468-\$ or US-5229764-\$ or US-6957337-\$).did. or (JP-11102345-\$).did. or (US-6766456-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/07/15 11:20
S20 4	6	S203 not S202	US-PGPUB; USPAT	OR	ON	2006/07/15 11:20
S20 5	6	(US-20020002685-\$).did. or (US-6957337-\$ or US-6052468-\$ or US-5229764-\$ or US-4288659-\$ or US-4218738-\$).did.	US-PGPUB; USPAT	OR	ON	2006/07/15 11:21
S20 6	2050	713/176.ccis.	US-PGPUB; USPAT	OR	ON	2006/10/19 14:23
S20 7	592	user adj authentication and signature with (biometric password key adj dynamics)	US-PGPUB; USPAT	OR	ON	2006/10/19 14:24
S20 8	116	user adj authentication same signature with (biometric password key adj dynamics)	US-PGPUB; USPAT	OR	ON	2006/10/19 14:24
S20 9	1	"6052468".pn.	US-PGPUB; USPAT	OR	ON	2006/10/25 12:19
S21 0	8	multiple same user with select same password same biometric	US-PGPUB; USPAT	OR	ON	2006/10/24 08:33
S21 1	14	("6052468").URPN.	USPAT	OR	ON	2006/10/24 08:38
S21 2	14	("6052468").URPN.	USPAT	OR	ON	2006/10/25 11:27
S21 3	1	"6052468".pn. and (edit\$ updat\$ modi\$)	US-PGPUB; USPAT	OR	ON	2006/10/25 12:28
S21 4	2056	713/176.ccis.	US-PGPUB; USPAT	OR	ON	2006/10/25 12:28
S21 5	1019	713/176.ccis.	USPAT	OR	ON	2006/10/25 12:29

## EAST Search History

S21 6	54	("20010047488" "20020002678" "20020002685" "20020083339" "20020087894" "20020091937" "20020141586" "20030056120" "20040128508" "20060036547" "4288659" "4621334" "4621334" "4621334" "4805222" "4962530" "4964163" "5091939" "5161190" "5204966" "5226080" "5226172" "5229764" "5442342" "5491752" "5680462" "5682475" "5696686" "5721780" "5768387" "5867647" "5889866" "5896497" "5913024" "6052468" "6193153" "6205204" "6209104" "6219707" "6292790" "6311272" "6332195" "6363153" "6421453" "6442692" "6466781" "6618806" "6636975" "6647400" "6647498" "6651168" "6657614" "6751734" "6766456" "6948154" "6957337").PN.	US-PGPUB; USPAT	OR	ON	2006/10/25 12:29
S21 7	51	(US-20020087894-\$ or US-20020002685-\$ or US-20020091937-\$ or US-20060036547-\$ or US-20020141586-\$ or US-20010047488-\$ or US-20030056120-\$ or US-20020083339-\$ or US-20040128508-\$).did. or (US-6052468-\$ or US-5491752-\$ or US-5768387-\$ or US-5721780-\$ or US-6948154-\$ or US-6957337-\$ or US-6311272-\$ or US-6636975-\$ or US-6466781-\$ or US-5229764-\$ or US-5896497-\$ or US-6647400-\$ or US-6292790-\$ or US-6647498-\$ or US-6766456-\$ or US-5226080-\$ or US-5204966-\$ or US-5682475-\$ or US-5161190-\$ or US-4964163-\$ or US-4962530-\$ or US-5889866-\$ or US-5091939-\$ or US-6442692-\$ or US-6363153-\$ or US-6332195-\$).did. or (US-5867647-\$ or US-6219707-\$ or US-5696686-\$ or US-5913024-\$ or US-4805222-\$ or US-4621334-\$ or US-4288659-\$ or US-4218738-\$ or US-6421453-\$ or US-6657614-\$ or US-6751734-\$ or US-6651168-\$ or US-6618806-\$ or US-5680462-\$).did. or (JP-11102345-\$).did. or (US-6766456-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/10/25 12:30
S21 8	3	S217 not S216	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/10/25 12:33
S21 9	2	"7036087".pn.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/10/25 12:33
S22 0	2391	authentication.clm. and input.clm. and device.clm.	US-PGPUB; USPAT	OR	ON	2007/05/30 09:50
S22 1	37	authentication.clm. and input.clm. and device.clm. and (passive.clm. incremental\$.clm.)	US-PGPUB; USPAT	OR	ON	2007/05/30 10:30
S22 2	2406	713/176.cc1s.	US-PGPUB; USPAT	OR	ON	2007/05/30 10:31
S22 3	28998	user with authentication	US-PGPUB; USPAT	OR	ON	2007/05/30 12:06
S22 4	2	user with authentication with creat\$ with passive	US-PGPUB; USPAT	OR	ON	2007/05/30 12:07
S22 5	208	passive with authentication	US-PGPUB; USPAT	OR	ON	2007/05/30 12:07
S22 6	48	passive adj3 authentication	US-PGPUB; USPAT	OR	ON	2007/05/30 12:07